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River Center, 111 North Canal Street, 8th Floor, Suite 855,
Chicago, IL 60606 • (312) 993-1067 • FAX (312) 993-0226

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-7367

Mr. Duane Heaton
Deputy Project Officer
Emergency Support Section, 5 HS-12
U.S. Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois 60604

September 30, 1990

TAT-05-G2-02163

Re: Wood Dale Drums, Wood Dale, Illinois
TDD# 5-9006-20

Dear Mr. Heaton:

On June 22, 1990, the U.S. Environmental Protection Agency (U.S. EPA) tasked the Technical Assistance Team (TAT) to investigate the report of two abandoned drums in Wood Dale, Illinois. On-Scene Coordinator (OSC) Steve Faryan requested that a letter report be substituted for the formal report specified in the Technical Directive Document (TDD).

The city of Wood Dale, Du Page County, Illinois, is approximately twenty miles northwest of Chicago (Figure 1). On June 21, 1990, Ray Zuck, a resident of Wood Dale, notified the Wood Dale Fire Department that two unidentified 55-gallon steel drums had appeared overnight near his home on River Avenue (Figure 2). The Wood Dale Fire Department contacted the Illinois Environmental Protection Agency (IEPA), who in turn contacted the U.S. EPA.

TAT members Thomas Graan and James Papp, and OSC Faryan arrived at the site on June 21, 1990 at 1730 hours. The two drums were located at the north end of River Avenue, with wooded areas to the north, east, and southwest, and residences to the southeast. Salt Creek is approximately 50-100 feet west of the site. The site had been secured by the Wood Dale Police Department. Firemen and emergency medical services personnel from the Wood Dale and Bensenville Fire Departments were also present. The OSC and TAT observed two unmarked drums located in a pool of approximately 20 to 30 gallons of reddish-brown oily liquid, that had apparently spilled out of the drums. The liquid appeared to form a sludge, or an emulsion, when it came in contact with water on the ground. Air monitoring was conducted with a photoionization detector (HNU), combustible gas indicator (CGI), hydrogen cyanide (HCN) monitox, and radiation meter. Air monitoring revealed no readings above background. The pH of the liquid was 7. Ed Osowski of the IEPA arrived on site and provided polychlorinated biphenyl (PCB) field test kits. No positive results were obtained in the PCB field tests.

Roy F. Weston, Inc.

MAJOR PROGRAMS DIVISION

In Association with ICF Technology, Inc., C.C. Johnson & Malhotra, P.C., Resource Applications, Inc.,
and R.E. Sarriera Associates

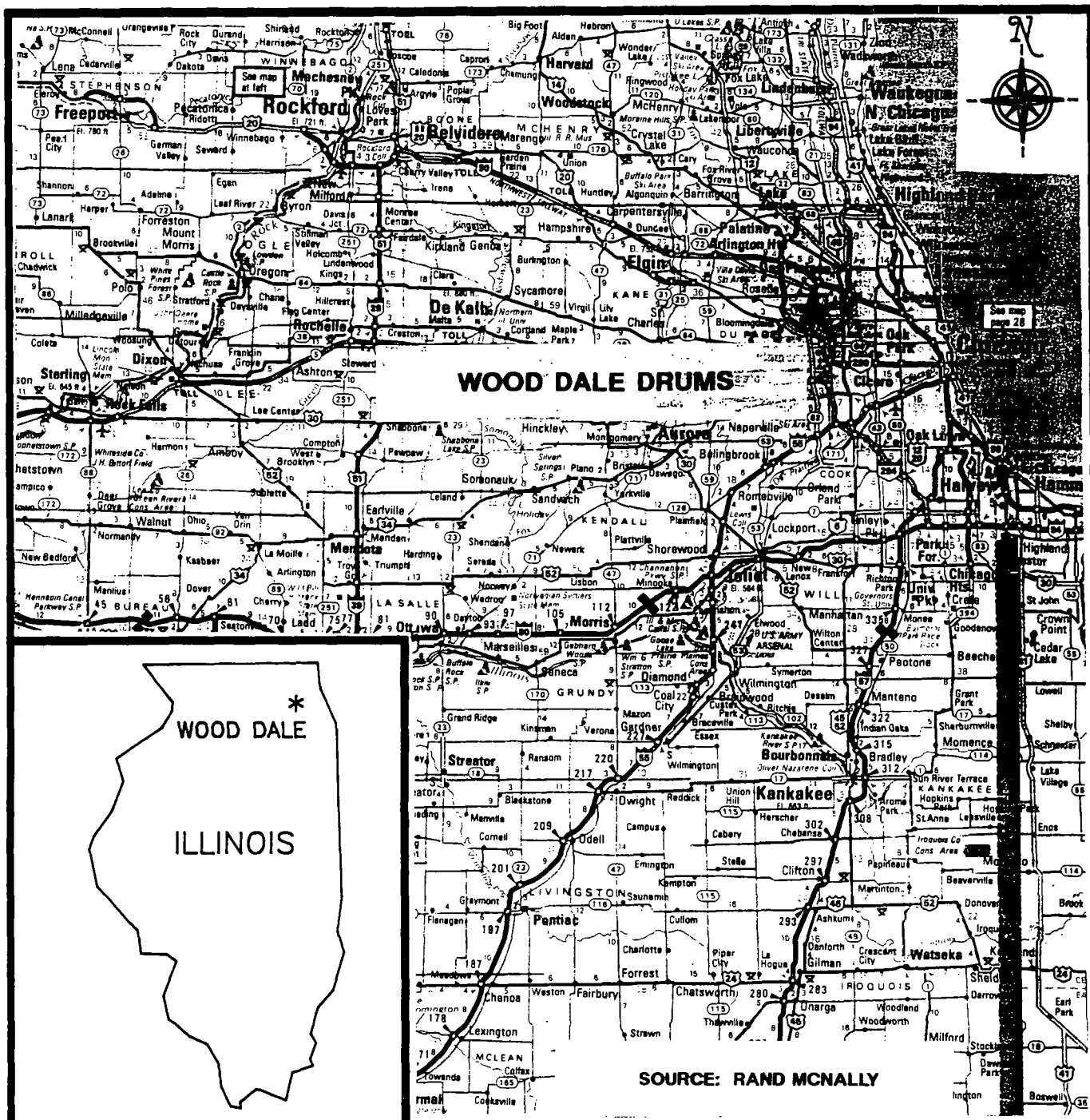


FIGURE 1
 SITE LOCATION MAP
 Wood Dale Drums
 Wood Dale, Illinois
 SCALE 1 INCH = 18.8 MILES

WESTON
 MANAGERS DESIGNERS/CONSULTANTS

**MAJOR
 PROGRAMS
 DIVISION**

REGION V TECHNICAL ASSISTANCE TEAM

DRAWN BY T.GRAAN	DATE 7-5-90	PCS # 2787
APPROVED BY S.BOSKO	DATE 7-5-90	TDD # 5-9006-20

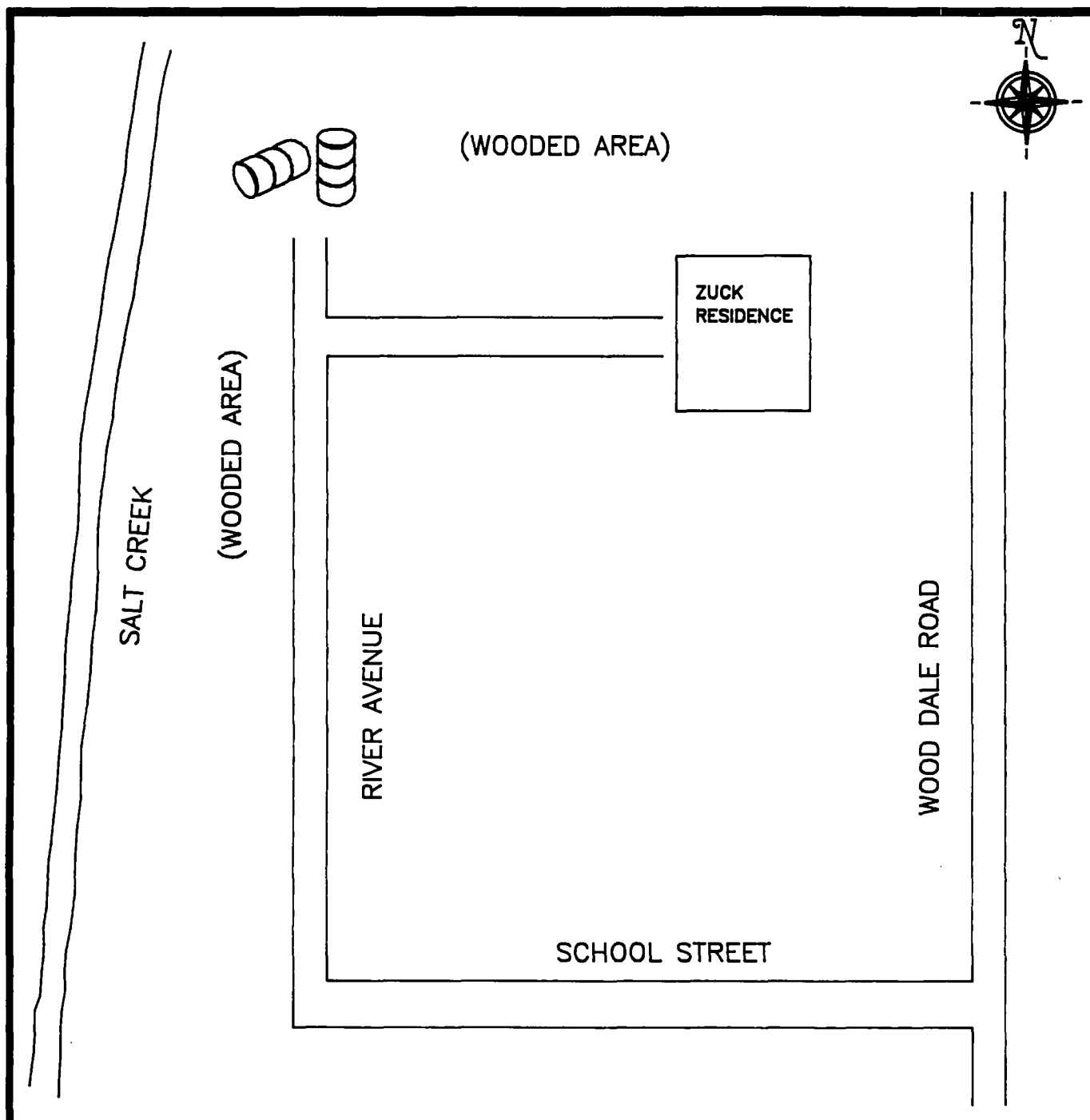


FIGURE 2

SITE MAP

Wood Dale Drums

Wood Dale, Illinois

NOT TO SCALE



MAJOR
PROGRAMS
DIVISION

REGION V TECHNICAL ASSISTANCE TEAM

DRAWN BY T.GRAAN	DATE 7-5-90	PCS # 2787
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Mr. Duane Heaton

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September 30, 1990

The Mini-Emergency Response Cleanup Services (Mini-ERCS) contractor MAECORP, Incorporated (MAECORP) arrived at the site. MAECORP overpacked the two drums, containerized the spilled liquid and sludge, and collected samples of the liquid and sludge material. With the unknown material temporarily secured in overpack drums covered by visqueen, removal activities ended for the day. The site was monitored periodically overnight by the Wood Dale Police Department. On June 22, 1990 OSC Faryan, TAT, and MAECORP returned to the site. MAECORP collected residual spilled material with absorbent pads and loaded the seven drums (two drums of liquid, one empty drum, and four drums of contaminated pads, personal protective equipment, and visqueen) onto a box truck. The drums were then transported to Wood Dale's water treatment facility. MAECORP was directed to have the two oil samples analyzed for incineration parameters and Toxicity Characteristic Leaching Procedure (TCLP) metals. OSC Faryan requested 48 hour turnaround on the analytical tests. The city of Wood Dale would provide temporary storage and security until the analytical results were obtained. A total removal cost summary is presented in Table 1.

On June 28, 1990, MAECORP informed OSC Faryan that the analytical results indicated that the materials were non-hazardous. At that point, OSC Faryan indicated that no further TAT involvement would be required. OSC Faryan planned to empty the drums into a rolloff box, crush the drums, and solidify all of the materials with mortar. The monolith would then be transported to a landfill and disposed of as special waste.

TABLE 1

SUMMARY OF TOTAL REMOVAL COSTS*
JUNE 21, 1990 - JUNE 22, 1990

WOOD DALE DRUMS, WOOD DALE, ILLINOIS

<u>ORGANIZATION</u>	<u>AMOUNT</u>
ERCS Contractor	\$3,771.35
U.S. EPA	
TAT (as of 8/24/90)	<u>1,231.30</u>
Total	

* Based on estimated costs from U.S. EPA forms 1900-55



Mr. Duane Heaton

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September 30, 1990

Should you have any questions or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.

A handwritten signature in cursive script, reading "Thomas P. Graan".

Thomas P. Graan
Environmental Scientist

A handwritten signature in cursive script, reading "William R. Doyle".

William R. Doyle
Technical Assistance Team
Leader, Region V

TPG/ks

cc: S. Faryan, OSC

ATTACHMENT A

SITE PHOTOGRAPHS



PHOTO: 1
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: MUNICIPAL FIRE FIGHTING, HAZMAT, AND EMERGENCY
 MEDICAL SERVICES EQUIPMENT AT THE SITE.
 DATE/TIME: 6-21-90 / 1735 HOURS
 PHOTOGRAPHER: T. GRAAN TG
 FILM: 35MM, ISO 200



PHOTO: 2
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: ABANDONED DRUMS.
 DATE/TIME: 6-21-90 / 1800 HOURS
 PHOTOGRAPHER: T. GRAAN TG
 FILM: 35MM, ISO 200



PHOTO: 3
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: CREW BEGINS OVERPACKING DRUMS.
 DATE/TIME: 6-21-90 / 1845 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200

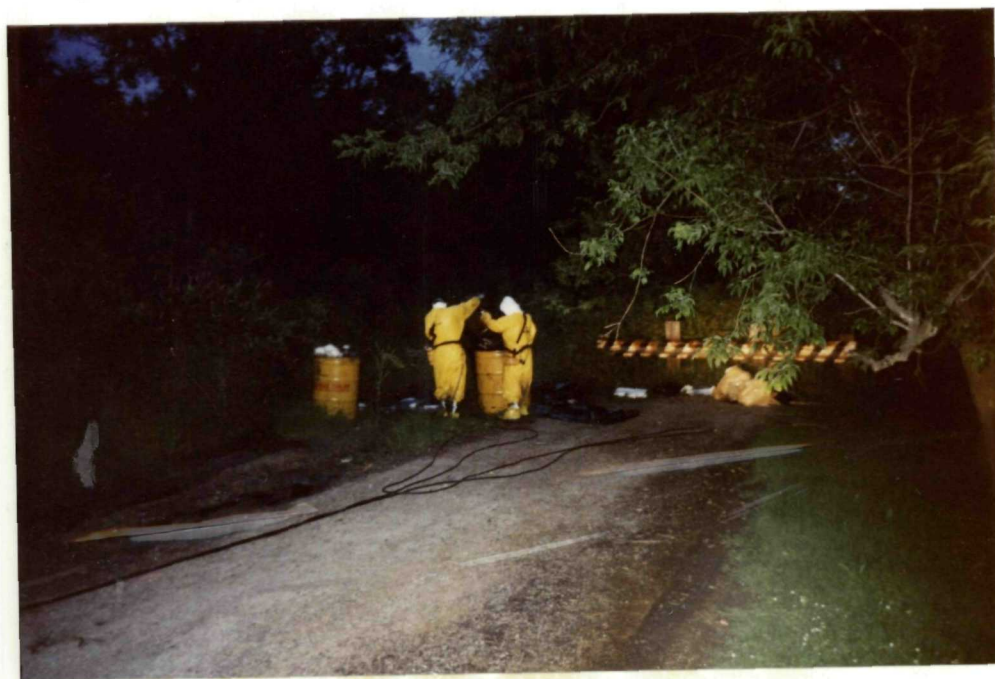


PHOTO: 4
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: CREW COMPLETES OVERPACKING DRUMS.
 DATE/TIME: 6-21-90 / 1915 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200



PHOTO: 5
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: DRUMS COVERED FOR OVERNIGHT STORAGE ON RIVER
 AVENUE.
 DATE/TIME: 6-22-90 / 0810 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200



PHOTO: 6
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: DRUMS COVERED FOR TEMPORARY STORAGE AT WATER
 TREATMENT FACILITY IN WOOD DALE.
 DATE/TIME: 6-22-90 / 1100 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200